

SPEAKER BIOGRAPHIES

UC ADVANCE PAID ROUNDTABLE · APRIL 23, 2014 · UC DAVIS



UNIVERSITY
OF
CALIFORNIA

MEG URRY

Israel Munson Professor of Physics and Astronomy, and Director, Yale Center of Astronomy & Astrophysics, Yale University



Meg Urry is the Israel Munson Professor of Physics and Astronomy and Director of the Yale Center for Astronomy and Astrophysics (and she was Chair of the Physics Department at Yale 2007-2013). Professor Urry received her Ph.D. from the Johns Hopkins University in 1984 and her B.S. in Physics and Mathematics summa cum laude from Tufts University in 1977. Her scientific research focuses on active galaxies, which host accreting supermassive black holes in their centers. She has published over 230 refereed research articles on supermassive black holes and galaxies and is a Thomson Reuters “Highly Cited Author.” Professor Urry is a Fellow of the American Academy of Arts and Sciences, the American Association for the Advancement of Science, the American Physical Society and American Women in Science; received an honorary doctorate from Tufts University; was awarded the American Astronomical Society’s Annie Jump Cannon and George van Biesbroeck prizes; and is the incoming President of the American Astronomical Society. Prior to moving to Yale in 2001, Professor Urry was a senior astronomer at the Space Telescope Science Institute, which runs the Hubble Space Telescope for NASA. Professor Urry is also known for her efforts to increase the number of women in the physical sciences, for which she won the 2010 Women in Space Science Award from the Adler Planetarium.

LINDA P.B. KATEHI

Chancellor, UC Davis



Dr. Linda Katehi became Chancellor of UC Davis in August 2009. As chancellor, she oversees all aspects of the university's teaching, research and public service mission. She also holds faculty appointments in electrical and computer engineering and in women and gender studies. She is the PI on the UC Davis ADVANCE award for institutional transformation. A member of the National Academy of Engineering, she chaired until 2010 the President's Committee for the National Medal of Science and the Secretary of Commerce's committee for the National Medal of Technology and Innovation. She is a fellow of the American Association for the Advancement of Science and the American Academy of Arts and Sciences, and is a member of many other national boards. Previously, she was provost at the University of Illinois at Urbana-Champaign, dean of engineering at Purdue University and associate dean for academic affairs and graduate education in the University of Michigan's College of Engineering. Her work in electronic circuit design has merited numerous awards and 19 U.S. patents. She is author or co-author of 10 book chapters and more than 650 refereed publications.

R. TODD BENSON

Associate Director, Surveys and Analysis;
Collaborative on Academic Careers in Higher
Education (COACHE) at the Harvard Graduate
School of Education



R. Todd Benson (Ed.D., Vanderbilt University), served as a student affairs administrator for over ten years before pursuing a doctorate in Higher Education Leadership and Policy. Making the leap from student affairs to academic affairs began with work in service-learning and civic engagement at East Stroudsburg University where he collaborated with faculty and staff on a host of classroom based and co-curricular projects. During his doctoral program, he studied the experiences of doctoral students and the factors that contributed to their acculturation into their respective disciplines. This work expanded as he assumed roles in both the Office of the Associate Dean of Graduate Education for Peabody College of Education and Human Development and the Vanderbilt Institutional Research Group. This work culminated in his Capstone Project, Career Trajectories and Outcomes of Ph.D. Recipients from the Vanderbilt University College of Arts & Sciences. At COACHE, his work began with the administration of the COACHE Survey as well as data analysis and reporting. However, his role has expanded to advising institutions on the strategic use of data for institutional change on issues related to faculty workplace satisfaction.

OMER BLAES

Professor and former Chair, Department of Physics, UC Santa Barbara



After earning his B.S. from Queen Mary College, University of London, and his Ph.D. from SISSA in Trieste, Professor Blaes joined the faculty at UC Santa Barbara in 1993. He is a theoretical astrophysicist who is particularly interested in the dynamics and radiation processes occurring in flows of plasma accreting onto compact objects, particularly black holes. He has published over 100 papers in his field.

Professor Blaes served as Chair of the UCSB Physics Department from 2010 to 2013. Upon assuming the job, he became aware of some serious issues concerning the climate for women in the Department, and made it a priority to address them. This included organizing a site visit by the Committee on the Status of Women of the American Physical Society, as well as many other activities. While things have slowly begun to improve, climate remains an ongoing issue that requires permanent attention.

SUSAN CARLSON

Vice Provost, Academic Personnel, UC Office of the President and Professor, English, UC Davis



Dr. Susan Carlson serves as vice provost for academic personnel for the University of California, Office of the President, and has responsibility for systemwide policy and practice in faculty recruitment, retention, diversity, and compensation. She is the PI on an NSF ADVANCE award with the goal of improving the diversity of faculty in University of California STEM disciplines (science, technology, engineering, mathematics). She has been awarded over \$4.8M in NSF funding and serves on several national advisory boards supporting women in leadership and in science, technology, engineering, and mathematics. In July 2012, she assumed interim responsibility for several system-wide UC programs including the UC Education Abroad Program, the University of California Press, the California Digital Library, the UC Center Sacramento, and the UC Washington Center. She is a professor of English at UC Davis. She has a Ph.D. and M.A. from the University of Oregon and a B.A. from the University of Iowa.

KIERNAN R. MATHEWS

Principal Investigator and Director, The Collaborative on Academic Careers in Higher Education (COACHE), Harvard Graduate School of Education



Dr. Mathews is Director of the Collaborative on Academic Careers in Higher Education (www.coache.org) at the Harvard Graduate School of Education, where he leads COACHE's strategic planning, research, and development. He was recently named the project's Principal Investigator. In these roles, he also provides counsel for senior administrators about the academic workplace and the effective use of data in shared governance. His research includes studies of faculty resource allocation, faculty survey nonresponse, and organizational behavior in higher education. In 2010, he received the Robert Menges Award for Outstanding Research in Educational Development from the Professional and Organizational Development Network in Higher Education. He has provided research assistance to Richard Chait, Derek Bok, and Harvard's 2005 curriculum review. Prior to his work in the academy, Dr. Mathews launched new technology and education projects at Routledge and the LEGO Company. He earned an Ed.D. in Higher Education Management from the University of Pennsylvania, an M.Ed. in Education from Harvard, and a B.A. in Classical Studies from the University of Houston.

RENÉE CHAPMAN NAVARRO

Vice Chancellor for Diversity and Outreach, and Professor, Anesthesia and Perioperative Care, UC San Francisco



Dr. Renée Navarro is the first African American woman to hold a Vice Chancellor position at UC San Francisco. She is the Vice Chancellor, Diversity and Outreach. The mission of the office is to build a broadly diverse faculty, student, trainee and staff community, to nurture a culture that is welcoming and supportive, and to engage diverse ideas for the provision of culturally competent education, discovery and patient care. Working as associate dean for academic affairs in the School of Medicine she championed the needs of women and underrepresented minorities, which led to her selection to be the first Director of Academic Diversity. The goal was to implement promising practices in the recruitment and retention of all faculty, students and trainees. She holds a Pharm.D. from the University of the Pacific and an M.D. from UCSF, where she is also a professor of Anesthesiology and Perioperative Care. Her scholarship has focused on continuous quality improvement in the care of trauma patients at San Francisco General Hospital (SFGH) where she held a number of leadership positions from Director of Perioperative Care to Chief of the Medical Staff. She was honored for her leadership and advocacy on behalf of the underserved patient populations at SFGH by Mayor Willie Brown, with a proclamation designating "J. Renée Navarro Day in San Francisco".

ALA QUBBAJ

Vice Provost for Faculty Affairs and Professor, Mechanical Engineering, The University of Texas–Pan American (UTPA)



In his capacity as Vice Provost for Faculty Affairs, Dr. Ala Qubbaj oversees faculty development, faculty evaluations, tenure and promotion processes, academic policies/procedures as well as faculty relations and governance. As a professor of mechanical engineering, Dr. Qubbaj specializes in energy systems, combustion processes, and environmental pollution. His research projects have been funded by the National Science Foundation, the Department of Energy as well as the Department of Defense. Dr. Qubbaj is the lead Co-PI and Project Director for the UTPA's ADVANCE project funded by the National Science Foundation in 2012, which focuses on increasing the representation and advancement of women in STEM fields. Before joining UTPA in 1999, he worked at the University of Oklahoma, where he received his Ph.D.

SUSAN RIVERA

Professor, Psychology, and Director, Inclusive Campus Climate Initiative, UC Davis ADVANCE



Dr. Susan Rivera holds a Ph.D. in Psychology from the University of California, Berkeley. She is a developmental psychologist and neuroscientist studying the origins and development of cognitive processing across the lifespan using classic behavioral, eye-tracking, and neuroimaging techniques. Investigations in her laboratory include the development of visual processing and attention, numerical and spatial cognition and affective processing. A good portion of her research program involves research contrasting typical neural development with that of children with neurodevelopmental disorders including Autism, Down syndrome and fragile X syndrome. She has held numerous National Institutes of Health (NIH) grants funded by the National Institute of Child Health and Development, the National Institute of Mental Health, and the National Institute of Neurological Disorders and Stroke. She is committed to increasing the number of underrepresented minorities in science and has mentored numerous underrepresented undergraduate students through various summer and academic year programs. She is co-director of the Campus Climate Initiative of UC Davis NSF ADVANCE grant, and chairs the Strength Through Equity and Diversity (STEAD) Committee. Previously, Dr. Rivera chaired the Affirmative Action and Diversity committee of the academic senate for three years.

KIMBERLEE SHAUMAN

**Professor, Sociology, and Associate Director,
UC Davis ADVANCE**

Kimberlee Shauman is a professor of sociology at UC Davis. Her main areas of interest are social stratification, family and kinship, demography, sociology of education, and quantitative methodology. Her research focuses on gender differences in educational and occupational trajectories with particular attention to the causal effects of family characteristics. Her book, *Women in Science: Career Processes and Outcomes* (Harvard University Press, 2006; co-authored with Yu Xie), examines the underrepresentation of women in science from a life course perspective. In addition to on-going studies of gender differences in the attainment of STEM degrees, she has studied the career causes and consequences of family migration among dual-earner couples, field-specific gender differences in the utilization of educational credentials, the influence of anti-discrimination laws on gender inequality in the labor market, and the demographic consequences of persistent racial differences in mortality.



ANGELICA STACY

**Associate Vice Provost for Faculty Equity and
Welfare, and Professor, Chemistry, UC Berkeley**

Angelica Stacy received her Ph.D. in chemistry from Cornell University, and did postdoctoral work at Northwestern University. She joined the faculty in the Department of Chemistry at the University of California, Berkeley in 1983. Dr. Stacy's research interests encompass materials research for energy applications. She is credited with the discovery of a new class of oxide superconductors, and is currently working on the preparation of nanostructured materials for thermoelectric and battery applications. As a winner of the UC Berkeley Distinguished Teaching Award, Dr. Stacy is a committed educator. Her research portfolio includes chemistry education research to enhance student learning outcomes. Numerous high school students are the beneficiaries of her research-based curriculum, Living by Chemistry. In her role as associate vice provost for the faculty, Dr. Stacy has seized the opportunity to promote data-driven initiatives to increase equity and inclusion in faculty recruitment, advancement, and retention.



MAUREEN STANTON

**Vice Provost, Academic Affairs, and Professor,
Evolution and Ecology, UC Davis**



Maureen Stanton has been on the faculty at UC Davis since 1982. She graduated from Stanford in 1975 with a B.S. in Biological Sciences and from Harvard in 1980 with a Ph.D. in Biology. After a postdoctoral fellowship at Yale, she joined the Botany Department at UCD, and later moved to the new Department of Evolution and Ecology in 1991. She served as Director of the Center for Population Biology 1992-1997, and then as Chair of the Department of Evolution and Ecology 2006-2011. In January 2012, she became Vice Provost-Academic Affairs. Her research focuses at the interface of ecology and evolutionary biology, especially with respect to plant-animal interactions and plant adaptation to the environment.

JEFFREY STEIGER

**Artistic Director, Center for the Application
and Scholarship of Theater, George Washington
University**



Jeffrey Allen Steiger is the founding Artistic Director of the University of Michigan's Center for Research on Learning and Teaching (CRLT) Theatre and a Visiting Scholar/Artistic Director at the George Washington University School of Medicine. His ten-year collaboration with the U-M ADVANCE program was instrumental in forming his understanding of theater craft as a compelling agent for organizational change, education and interdisciplinary research. Other collaborations include a study with Dr. Sari Van Anders to determine potential changes in testosterone and cortisol levels in actors performing roles related to gender and power, and a project with Robert Mankoff, cartoon editor of *The New Yorker*, on how improvisation might be used to capture Mankoff's ideas regarding status and humor. His recent work, MILESTONES, a play that explores burnout and unprofessionalism in medicine, was featured at the Association of American Medical Colleges Annual Meeting, and in Spanish at the Universidad de la República, Uruguay. Steiger has presented his original interactive plays and sketches at over 70 national and international academic institutions and conferences, and has consulted for several universities starting or growing a 'theater for dialogue'. He is currently Artistic Director of the Center for the Application and Scholarship of Theater in Medicine, a new center at George Washington University School of Medicine, that uses artistic simulations as a method to engage issues related to diversity, patient-centered care, and clinical communication.



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